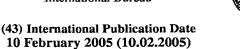
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(57) Abstract: The present invention provides a method of detecting an enzyme in a sample wherein the enzyme is capable of adding or removing a chemical moiety to or from a nucleic acid molecule, which thereby confers altered sensitivity of the nucleic acid molecule in a subsequent process. The invention also relates to diagnostic methods which take advantage of the method of the invention and kits which are useful for carrying out the method of the invention.